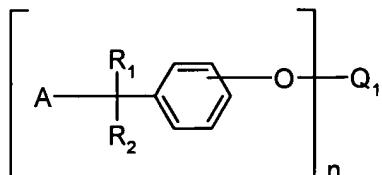
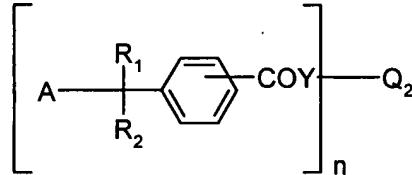


In the Claims

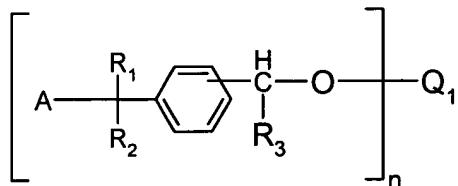
1. (original) A compound of formula (I) (II) or (III)



(I)



(II)



(III)

wherein

R₁ and R₂ are independently of each other hydrogen, C₁-C₁₈alkyl, C₃-C₁₈alkenyl, C₃-C₁₈alkinyl or phenyl which are unsubstituted or substituted by NO₂, halogen, amino, hydroxy, cyano, carboxy, C₁-C₄alkoxy, C₁-C₄alkylthio, C₁-C₄alkylamino or di(C₁-C₄alkyl)amino;

A is a group capable of forming a stable free nitroxyl radical A•, which is bound via its oxygen atom to the carbon atom;

Y is O, NR₃ or CHR₃-X_a, wherein X_a is O, S or NR₃;

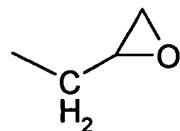
R₃ is hydrogen, C₁-C₁₈alkyl, C₃-C₁₈alkenyl, C₃-C₁₈alkinyl or phenyl which are unsubstituted or substituted by NO₂, halogen, amino, hydroxy, cyano, carboxy, C₁-C₄alkoxy, C₁-C₄alkylthio, C₁-C₄alkylamino or di(C₁-C₄alkyl)amino;

Q₁ is an organic or inorganic radical, derived from a compound having at least one functional group being capable of reacting with a hydroxy group;

Q₂ is an organic radical derived from a mono or polyfunctional alcohol, mono or polyfunctional aminoalcohol, mono or polyfunctional amine, mono or polyfunctional mercaptane, mono or polyfunctional phenol or mono or polyfunctional thiophenol; and

n is a number from 1 to 20;

with the proviso, that in formula (I) if n is 1, Q₁ is not



, or if n is 2, R₁ is H and R₂ is -

CH₂-O-tert.butyl, A is not 2,2,6,6-tetramethylpiperidine or 2,2,6,6-tetramethylpiperidine-4-carboxylic acid.

(B)

2. (previously presented) A compound of formula (I) or (III) according to claim 1, wherein Q₁ is derived from an unsubstituted or substituted triazine, from a mono or multifunctional alkylating agent, from a mono or polycarboxylic acid or acid derivative, from a mono or polyepoxide, from a mono or polyisocyanate or from POCl₃, SO₂Cl₂, BCl₃ or SiCl₄.

3. (original) A compound of formula (I), (II) or (III) according to claim 1, wherein R₁ and R₂ are independently of each other hydrogen, C₁-C₁₂alkyl, C₃-C₁₂alkenyl or phenyl.

4. (original) A compound of formula (II) according to claim 1, wherein Y is O or NR₃.

5. (original) A compound of formula (I), (II) or (III) according to claim 1, wherein n is a number from 2-10.

6. (original) A compound of formula (I) or (III) according to claim 1, wherein Q₁ is an organic radical derived from an unsubstituted or substituted triazine, from a mono or polycarboxylic acid or acid derivative, from a mono or multifunctional alkylating agent or from a mono or polyisocyanate.

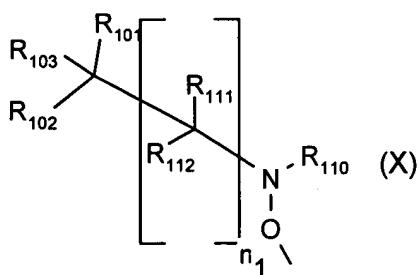
7. (original) A compound of formula (I) or (III) according to claim 6, wherein
Q₁ is an organic radical derived from an unsubstituted or substituted triazine, from a polycarboxylic acid or polycarboxylic acid derivative, having 2-6 carboxylgroups, from a multifunctional alkylating agent having 2-6 functional groups or from a polyisocyanate, having 2-6 isocyanate groups.

8. (original) A compound of formula (II) according to claim 1, wherein
Q₂ is an organic radical derived from a polyfunctional alcohol, a polyfunctional aminoalcohol or a polyfunctional amine.

9. (original) A compound of formula (II) according to claim 8, wherein
Q₂ is a radical derived from a polyalcohol having 2-6 hydroxy groups, a polyaminoalcohol having 2-6 amino and/or hydroxy groups, or a polyamine having 2-6 amine groups.

10. (original) A compound of formula (I), (II) or (III) according to claim 1, wherein the radical A• derived from the group A is a stable open chain nitroxyl radical or a cyclic nitroxyl radical.

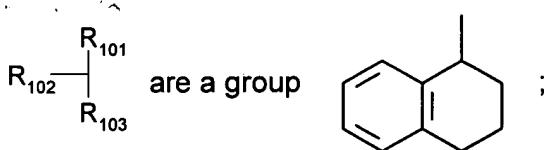
11. (original) A compound of formula (I), (II) or (III) according to claim 1, wherein
A is a group of formula (X)



wherein n₁ is 0 or 1

R₁₀₁, R₁₀₂, R₁₀₃ are each independently of one another hydrogen, halogen, NO₂, cyano,

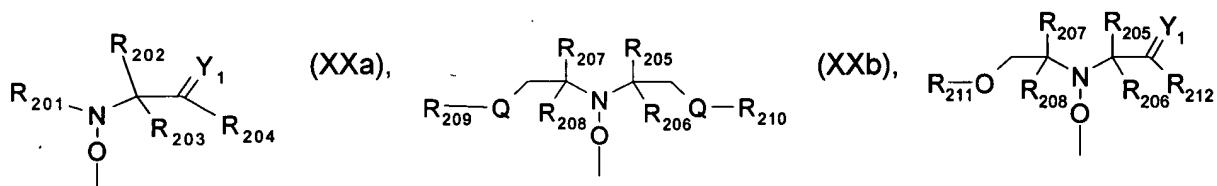
$-\text{CONR}_{105}\text{R}_{106}$, $-(\text{R}_{109})\text{COOR}_{104}$, $-\text{C}(\text{O})-\text{R}_{107}$, $-\text{OR}_{108}$, $-\text{SR}_{108}$, $-\text{NHR}_{108}$, $-\text{N}(\text{R}_{108})_2$, carbamoyl, di($\text{C}_1\text{-C}_{18}\text{alkyl}$)carbamoyl, $-\text{C}(\text{=NR}_{105})(\text{NHR}_{106})$;
 unsubstituted $\text{C}_1\text{-C}_{18}\text{alkyl}$, $\text{C}_2\text{-C}_{18}\text{alkenyl}$, $\text{C}_2\text{-C}_{18}\text{alkynyl}$, $\text{C}_7\text{-C}_9\text{phenylalkyl}$, $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ or $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ containing at least one nitrogen or oxygen atom; or
 $\text{C}_1\text{-C}_{18}\text{alkyl}$, $\text{C}_2\text{-C}_{18}\text{alkenyl}$, $\text{C}_2\text{-C}_{18}\text{alkynyl}$, $\text{C}_7\text{-C}_9\text{phenylalkyl}$, $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ or $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ containing at least one nitrogen or oxygen atom, which are substituted by NO_2 , halogen, amino, hydroxy, cyano, carboxy, $\text{C}_1\text{-C}_4\text{alkoxy}$, $\text{C}_1\text{-C}_4\text{alkylthio}$, $\text{C}_1\text{-C}_4\text{alkylamino}$ or di($\text{C}_1\text{-C}_4\text{alkyl}$)amino; or phenyl, which is unsubstituted or substituted by $\text{C}_1\text{-C}_4\text{alkyl}$, $\text{C}_1\text{-C}_4\text{alkoxy}$, $\text{C}_1\text{-C}_4\text{alkylthio}$, halogen, cyano, hydroxy, carboxy, $\text{C}_1\text{-C}_4\text{alkylamino}$ or di($\text{C}_1\text{-C}_4\text{alkyl}$)amino;
 or R_{102} and R_{103} , together with the linking carbon atom, form a $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ radical, a ($\text{C}_4\text{-C}_{12}\text{cycloalkanone}$)-yl radical or a $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ radical containing at least one O atom and/or a NR_{108} group; or if n_1 is 1



R_{104} is hydrogen, $\text{C}_1\text{-C}_{18}\text{alkyl}$, phenyl, an alkali metal cation or a tetraalkylammonium cation;
 R_{105} and R_{106} are hydrogen, $\text{C}_1\text{-C}_{18}\text{alkyl}$, $\text{C}_2\text{-C}_{18}\text{alkyl}$ which is substituted by at least one hydroxy group or, taken together, form a $\text{C}_2\text{-C}_{12}\text{alkylene}$ bridge or a $\text{C}_2\text{-C}_{12}\text{-alkylene}$ bridge interrupted by at least one O or/and NR_{108} atom;
 R_{107} is hydrogen, $\text{C}_1\text{-C}_{18}\text{alkyl}$ or phenyl;
 R_{108} is hydrogen, $\text{C}_1\text{-C}_{18}\text{alkyl}$ or $\text{C}_2\text{-C}_{18}\text{alkyl}$ which is substituted by at least one hydroxy group;
 R_{109} is $\text{C}_1\text{-C}_{12}\text{alkylene}$ or a direct bond;
 R_{110} is $\text{C}_4\text{-C}_{18}\text{alkyl}$ bound via a tertiary C-atom to the nitrogen atom, $\text{C}_9\text{-C}_{11}\text{phenylalkyl}$, $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ or $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ containing at least one nitrogen or oxygen atom; or
 $\text{C}_4\text{-C}_{18}\text{alkyl}$ bound via a tertiary C-atom to the nitrogen atom, $\text{C}_9\text{-C}_{11}\text{phenylalkyl}$, $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ or $\text{C}_3\text{-C}_{12}\text{cycloalkyl}$ containing at least one nitrogen or oxygen atom, which are substituted by NO_2 , halogen, amino, hydroxy, cyano, carboxy, $\text{C}_1\text{-C}_4\text{alkoxy}$, $\text{C}_1\text{-C}_4\text{alkylthio}$, $\text{C}_1\text{-C}_4\text{alkylamino}$ or di($\text{C}_1\text{-C}_4\text{alkyl}$)amino; or
 phenyl, naphthyl, which are unsubstituted or substituted by $\text{C}_1\text{-C}_4\text{alkyl}$, $\text{C}_1\text{-C}_4\text{alkoxy}$, $\text{C}_1\text{-C}_4\text{alkylthio}$, halogen, cyano, hydroxy, carboxy, $\text{C}_1\text{-C}_4\text{alkylamino}$ or di($\text{C}_1\text{-C}_4\text{alkyl}$)amino;
 if n_1 is 1

R_{111} is C_1 - C_{18} alkyl, C_7 - C_9 phenylalkyl, C_3 - C_{12} cycloalkyl or C_3 - C_{12} cycloalkyl containing at least one nitrogen or oxygen atom; or
 C_1 - C_{18} alkyl, C_7 - C_9 phenylalkyl, C_3 - C_{12} cycloalkyl or C_3 - C_{12} cycloalkyl containing at least one nitrogen or oxygen atom, which are substituted by NO_2 , halogen, amino, hydroxy, cyano, carboxy, C_1 - C_4 alkoxy, C_1 - C_4 alkylthio, C_1 - C_4 alkylamino or di(C_1 - C_4 alkyl)amino; or
 phenyl, naphthyl, which are unsubstituted or substituted by C_1 - C_4 alkyl, C_1 - C_4 alkoxy, C_1 - C_4 alkylthio, halogen, cyano, hydroxy, carboxy, C_1 - C_4 alkylamino or di(C_1 - C_4 alkyl)amino; or
 a polycyclic cycloaliphatic ring system or a polycyclic cycloaliphatic ring system with at least one di- or trivalent nitrogen atom; or
 R_{110} and R_{111} together form a C_2 - C_{12} alkylene bridge, a C_3 - C_{12} alkylen-on bridge or a C_2 - C_{12} alkylene bridge which is interrupted by at least one O or N atom, which bridges are unsubstituted or substituted with C_1 - C_{18} alkyl, hydroxy(C_1 - C_4)alkyl, phenyl, C_7 - C_9 phenylalkyl, NO_2 , halogen, amino, hydroxy, cyano, carboxy, C_1 - C_4 alkoxy, C_1 - C_4 alkylthio, C_1 - C_4 alkylamino or di(C_1 - C_4 alkyl)amino,
 R_{112} is hydrogen, $-(R_{109})COOR_{104}$, cyano, $-OR_{108}$, $-SR_{108}$, $-NHR_{108}$, $-N(R_{108})_2$, $-NH-C(O)-R_{108}$, unsubstituted C_1 - C_{18} alkyl, C_2 - C_{18} alkenyl, C_2 - C_{18} alkynyl, C_7 - C_9 phenylalkyl, C_3 - C_{12} cycloalkyl or C_3 - C_{12} cycloalkyl containing at least one nitrogen or oxygen atom; or
 C_1 - C_{18} alkyl, C_2 - C_{18} alkenyl, C_2 - C_{18} alkynyl, C_7 - C_9 phenylalkyl, C_3 - C_{12} cycloalkyl or C_3 - C_{12} cycloalkyl containing at least one nitrogen or oxygen atom, which are substituted by NO_2 , halogen, amino, hydroxy, cyano, carboxy, C_1 - C_4 alkoxy, C_1 - C_4 alkylthio, C_1 - C_4 alkylamino or di(C_1 - C_4 alkyl)amino; or
 phenyl, naphthyl, which are unsubstituted or substituted by C_1 - C_4 alkyl, C_1 - C_4 alkoxy, C_1 - C_4 alkylthio, halogen, cyano, hydroxy, carboxy, C_1 - C_4 alkylamino, di(C_1 - C_4 alkyl)amino; or
 R_{111} and R_{112} together with the linking carbon atom form a C_3 - C_{12} cycloalkyl radical;

or A is a group of formula XXa, XXb or XXc



wherein

Y_1 is O or CH_2 ;

Q is O or NR_{220} , wherein R_{220} is hydrogen or C_1 - C_{18} alkyl;

R₂₀₁ is tertiary C₄-C₁₈alkyl or phenyl, which are unsubstituted or substituted by halogen, OH, COOR₂₂₁ or C(O)-R₂₂₂ wherein R₂₂₁ is hydrogen, a alkali metal atom or C₁-C₁₈alkyl and R₂₂₂ is C₁-C₁₈alkyl; or R₂₀₁ is C₅-C₁₂cycloalkyl, C₅-C₁₂cycloalkyl which is interrupted by at least one O or N atom, a polycyclic alkyl radical or a polycyclic alkyl radical which is interrupted by at least one O or N atom;

R₂₀₂ and R₂₀₃ are independently C₁-C₁₈alkyl, benzyl, C₅-C₁₂cycloalkyl or phenyl, which are unsubstituted or substituted by halogen, OH, COOR₂₂₁ or C(O)-R₂₂₂ or together with the carbon atom form a C₅-C₁₂cycloalkyl ring;

if Y₁ is O,

R₂₀₄ and R₂₁₂ are OH, O(alkali-metal) C₁-C₁₈alkoxy, benzyloxy, NR₂₂₃R₂₂₄, wherein R₂₂₃ and R₂₂₄ are independently from each other hydrogen, C₁-C₁₈alkyl or phenyl, which are unsubstituted or substituted by halogen, OH, COOR₂₂₁ or C(O)-R₂₂₂;

if Y₁ is CH₂,

R₂₀₄ is OH, C₁-C₁₈alkoxy, benzyloxy, O-C(O)-(C₁-C₁₈)alkyl or NR₂₂₃R₂₂₄;

R₂₁₂ are a group C(O)R₂₂₅, wherein R₂₂₅ is OH, C₁-C₁₈alkoxy, benzyloxy, NR₂₂₃R₂₂₄, wherein R₂₂₃ and R₂₂₄ are independently from each other hydrogen, C₁-C₁₈alkyl or phenyl, which are unsubstituted or substituted by halogen, OH, COOR₂₂₁ or C(O)-R₂₂₂;

R₂₀₅, R₂₀₆, R₂₀₇ and R₂₀₈ are independently of each other C₁-C₁₈alkyl, C₅-C₁₂cycloalkyl or phenyl; or R₂₀₅ and R₂₀₆ and/or R₂₀₇ and R₂₀₈ together with the carbon atom form a C₅-C₁₂cycloalkyl ring;

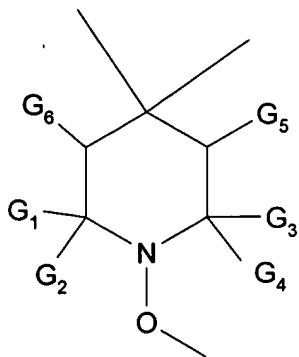
R₂₀₉ and R₂₁₀ are independently of each other hydrogen, formyl, C₂-C₁₈alkylcarbonyl, benzoyl, C₁-C₁₈alkyl, C₅-C₁₂cycloalkyl, C₅-C₁₂cycloalkyl which is interrupted by at least one O or N atom, benzyl or phenyl which are unsubstituted or substituted by halogen, OH, COOR₂₂₁ or

C(O)-R₂₂₂;

R₂₁₁, is formyl, C₂-C₁₈alkylcarbonyl, benzoyl, C₁-C₁₈alkyl, C₅-C₁₂cycloalkyl, C₅-C₁₂cycloalkyl which is interrupted by at least one O or N atom, benzyl or phenyl which are unsubstituted or substituted by halogen, OH, COOR₂₂₁ or C(O)-R₂₂₂.

or A is a group containing a structural element of formula (XXX)

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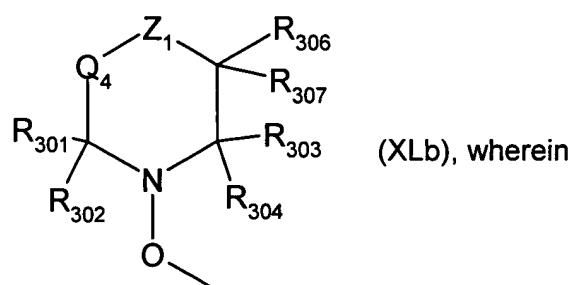
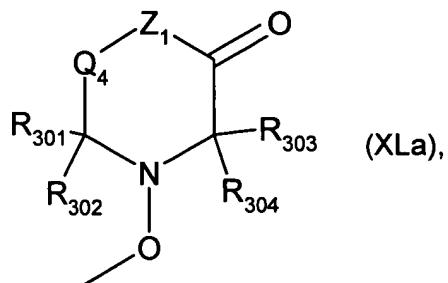


(XXX), wherein

G_1, G_2, G_3, G_4 are independently C_1-C_6 alkyl or G_1 and G_2 or G_3 and G_4 , or G_1 and G_2 and G_3 and G_4 together form a C_5-C_{12} cycloalkyl group;

G_5, G_6 independently are H, C_1-C_{18} alkyl, phenyl, naphthyl or a group $COOC_1-C_{18}$ alkyl;

or A is a group of formula (XLa) or (XLb)



(XLb), wherein

$R_{301}, R_{302}, R_{303}$ and R_{304} independently of each other are C_1-C_{18} alkyl, C_3-C_{18} alkenyl, C_3-C_{18} alkinyl, C_1-C_{18} alkyl, C_3-C_{18} alkenyl, C_3-C_{18} alkinyl which are substituted by OH, halogen or a group $-O-C(O)-R_{305}$, C_2-C_{18} alkyl which is interrupted by at least one O atom and/or NR_{308} group, C_3-C_{12} cycloalkyl or C_6-C_{10} aryl or R_{301} and R_{302} and/or R_{303} and R_{304} together with the linking carbon atom form a C_3-C_{12} cycloalkyl radical;

R_{305}, R_{306} and R_{307} independently are hydrogen, C_1-C_{18} alkyl or C_6-C_{10} aryl;

Z_1 is O or NR_{308} ;

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 R_{308} is hydrogen, OH, C_1 - C_{18} alkyl, C_3 - C_{18} alkenyl, C_3 - C_{18} alkinyl, C_1 - C_{18} alkyl, C_3 - C_{18} alkenyl, C_3 - C_{18} alkinyl which are substituted by one or more OH, halogen or a group -O-C(O)- R_{305} , C_2 - C_{18} alkyl which is interrupted by at least one O atom and/or NR_{305} group, C_3 - C_{12} cycloalkyl or C_6 - C_{10} aryl, C_7 - C_9 phenylalkyl, C_5 - C_{10} heteroaryl, -C(O)- C_1 - C_{18} alkyl, -O- C_1 - C_{18} alkyl or -COOC $_1$ - C_{18} alkyl;
 Q_4 is a direct bond or a divalent radical $CR_{309}R_{310}$, $CR_{309}R_{310}-CR_{311}R_{312}$, $CR_{309}R_{310}CR_{311}R_{312}CR_{313}R_{314}$, C(O) or $CR_{309}R_{310}C(O)$, wherein R_{309} , R_{310} , R_{311} , R_{312} , R_{313} and R_{314} are independently hydrogen, phenyl or C_1 - C_{18} alkyl.

12. (original) A compound of formula (I) or (II) according to claim 11, wherein A is a group of formula (X)

n_1 is 1

R_{101} is cyano;

R_{102} and R_{103} are each independently of one another unsubstituted C_1 - C_{12} alkyl or phenyl; or R_{102} and R_{103} , together with the linking carbon atom, form a C_5 - C_7 cycloalkyl radical;

R_{110} is C_4 - C_{12} alkyl bound via a tertiary C-atom to the nitrogen atom, C_9 - C_{11} phenylalkyl or phenyl;

R_{11} is C_1 - C_{18} alkyl, C_7 - C_9 phenylalkyl or C_3 - C_{12} cycloalkyl; or

R_{110} and R_{111} together form a C_2 - C_6 alkylene bridge which is unsubstituted or substituted with C_1 - C_4 alkyl; and

R_{112} is C_1 - C_4 alkyl;

or wherein A is a group of formula (XXa)

R_{201} is tertiary C_4 - C_8 alkyl;

R_{202} and R_{203} are methyl, ethyl or together with the carbon atom form a C_5 - C_6 cycloalkyl ring;

R_{204} is C_1 - C_{18} alkoxy, benzyloxy or $NR_{223}R_{224}$, wherein R_{223} and R_{224} are independently of each other hydrogen or C_1 - C_8 alkyl;

or wherein A is a group of formula (XXb), wherein Q is O;

R_{205} , R_{206} , R_{207} and R_{208} are independently of each other methyl or ethyl; or

R_{205} and R_{206} and/or R_{207} and R_{208} together with the carbon atom form a C_5 - C_6 cycloalkyl ring;

R_{209} and R_{210} are independently of each other formyl, C_2 - C_8 alkylcarbonyl, benzoyl, C_1 - C_8 alkyl, benzyl or phenyl;

or wherein A is a group of formula (XXc), wherein Y_1 is O;

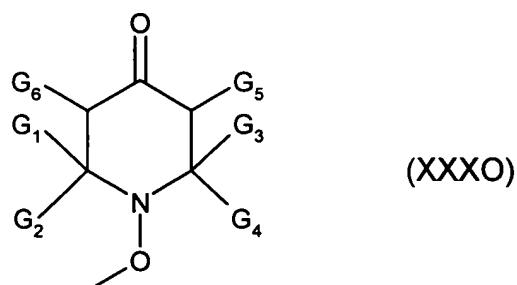
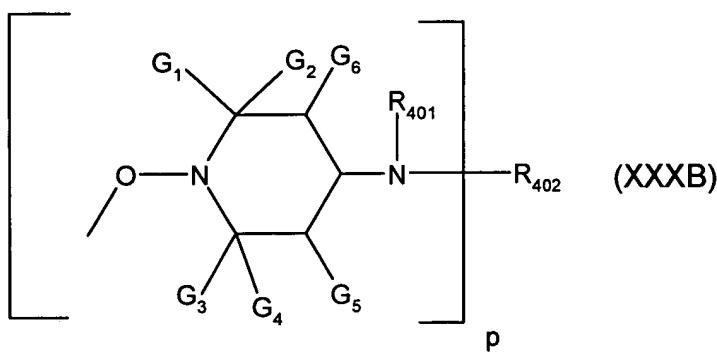
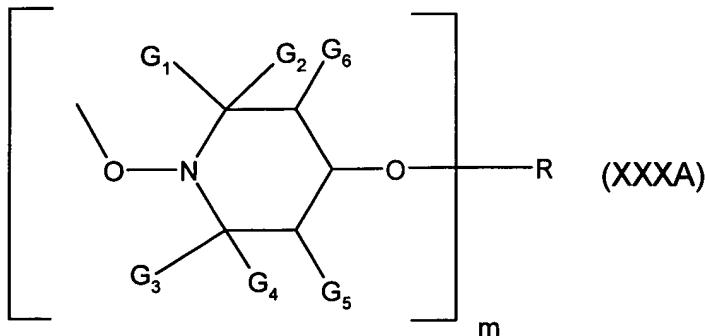
R_{205} , R_{206} , R_{207} and R_{208} are independently of each other methyl or ethyl; or

R_{205} and R_{206} and/or R_{207} and R_{208} together with the carbon atom form a C_5 - C_6 cycloalkyl ring;

R_{211} is formyl, C_2 - C_{18} alkylcarbonyl, benzoyl, C_1 - C_{18} alkyl, benzyl or phenyl and

R_{212} is OH, C_1 - C_{18} alkoxy, benzyloxy, $NR_{223}R_{224}$, wherein R_{223} and R_{224} are independently of each other hydrogen or C_1 - C_{18} alkyl.

or wherein A is a group of formula (XXXA), (XXXB) or (XXXO)



wherein

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G₁, G₂, G₃ and G₄ are independently alkyl of 1 to 4 carbon atoms, or G₁ and G₂ together and G₃ and G₄ together, or G₁ and G₂ together or G₃ and G₄ together are pentamethylene;

G₅ and G₆ are independently hydrogen or C₁-C₄ alkyl;

m is a number from 1-4;

p is a number from 1-3;

R, if m is 1, is hydrogen, C₁-C₁₈alkyl which is uninterrupted or C₂-C₁₈alkyl which is interrupted by one or more oxygen atoms, cyanoethyl, benzoyl, glycidyl, a monovalent radical of an aliphatic carboxylic acid having 2 to 18 carbon atoms, of a cycloaliphatic carboxylic acid having 7 to 15 carbon atoms, or an α,β -unsaturated carboxylic acid having 3 to 5 carbon atoms or of an aromatic carboxylic acid having 7 to 15 carbon atoms, where each carboxylic acid can be substituted in the aliphatic, cycloaliphatic or aromatic moiety by 1 to 3 -COOZ₁₂ groups, in which Z₁₂ is H, C₁-C₂₀alkyl, C₃-C₁₂alkenyl, C₅-C₇cycloalkyl, phenyl or benzyl; or

R is a monovalent radical of a carbamic acid or phosphorus-containing acid or a monovalent silyl radical;

R, if m is 2, is C₂-C₁₂alkylene, C₄-C₁₂alkenylene, xylylene, a divalent radical of an aliphatic dicarboxylic acid having 2 to 36 carbon atoms, or a cycloaliphatic or aromatic dicarboxylic acid having 8-14 carbon atoms or of an aliphatic, cycloaliphatic or aromatic dicarbamic acid having 8-14 carbon atoms, where each dicarboxylic acid may be substituted in the aliphatic, cycloaliphatic or aromatic moiety by one or two -COOZ₁₂ groups; or

R is a divalent radical of a phosphorus-containing acid or a divalent silyl radical;

R, if m is 3, is a trivalent radical of an aliphatic, cycloaliphatic or aromatic tricarboxylic acid, which may be substituted in the aliphatic, cycloaliphatic or aromatic moiety by -COOZ₁₂, of an aromatic tricarbamic acid or of a phosphorus-containing acid, or is a trivalent silyl radical,

R, if m is 4, is a tetravalent radical of an aliphatic, cycloaliphatic or aromatic tetracarboxylic acid;

p is 1, 2 or 3,

R₄₀₁ is C₁-C₁₂alkyl, C₅-C₇cycloalkyl, C₇-C₈aralkyl, C₂-C₁₈alkanoyl, C₃-C₅alkenoyl or benzoyl;

when p is 1,

R₄₀₂ is C₁-C₁₈alkyl, C₅-C₇cycloalkyl, C₂-C₈alkenyl unsubstituted or substituted by a cyano, carbonyl or carbamide group, or is glycidyl, a group of the formula -CH₂CH(OH)-Z₄ or of the formula -CO-Z₄- or -CONH-Z₄ wherein Z₄ is hydrogen, methyl or phenyl; or

when p is 2,

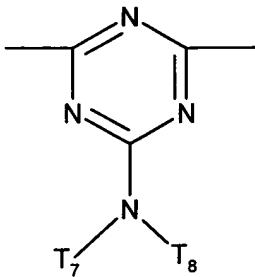
R₄₀₂ is C₂-C₁₂alkylene, C₆-C₁₂-arylene, xylylene, a -CH₂CH(OH)CH₂-O-B-O-CH₂CH(OH)CH₂- group, wherein B is C₂-C₁₀alkylene, C₆-C₁₅arylene or C₆-C₁₂cycloalkylene; or, provided that R₄₀₁ is not

alkanoyl, alkenoyl or benzoyl; or

B1
R₄₀₂ is a divalent acyl radical of an aliphatic, cycloaliphatic or aromatic dicarboxylic acid or dicarbamic acid, or is the group -CO-; or

R₄₀₁ and R₄₀₂ together when p is 1 can be the cyclic acyl radical of an aliphatic or aromatic 1,2- or 1,3-dicarboxylic acid; or

R₄₀₂ is a group



where T₇ and T₈ are independently hydrogen, alkyl of 1 to 18 carbon atoms, or T₇ and T₈ together are alkylene of 4 to 6 carbon atoms or 3-oxapentamethylene;

when p is 3,

R₄₀₂ is 2,4,6-triazinyl;

or wherein in formula (XLa) or (XLb)

R₃₀₁, R₃₀₂, R₃₀₃ and R₃₀₄ independently of each other are C₁-C₄alkyl, which is unsubstituted or substituted by OH, or a group -O-C(O)-R₃₀₅, or R₃₀₁ and R₃₀₂ and/or R₃₀₃ and R₃₀₄ together with the linking carbon atom form a C₅-C₆cycloalkyl radical;

R₃₀₅ is hydrogen or C₁-C₄alkyl.

R₃₀₆ and R₃₀₇ independently are hydrogen, methyl or ethyl;

Z₁ is O or NR₃₀₈;

Q₄ is a direct bond or a divalent radical CH₂, CH₂CH₂, CH₂-CH₂-CH₂, C(O), CH₂C(O) or CH₂-CH-CH₃;

R₃₀₈ is hydrogen, C₁-C₄alkyl, C₁-C₄alkyl which is substituted by OH, or benzyl.

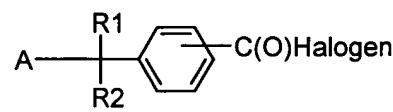
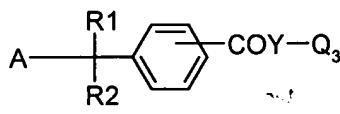
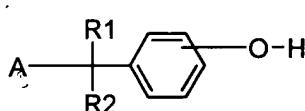
✓ 13. (currently amended) A compound according to claim 1244, wherein in formula (XXXA), (XXXB) or (XXXO) G₁ and G₃ are methyl and G₂ and G₄ are ethyl or propyl, or G₁ and G₂ are methyl and G₃ and G₄ are ethyl or propyl.

✓ 14. (currently amended) A compound according to claim 1244, wherein in formula (XXXA) G₁ and G₃ are methyl and G₂ and G₄ are ethyl or propyl, or G₁ and G₂ are methyl and G₃ and G₄ are ethyl or propyl, one of G₅ and G₆ is hydrogen and the other is methyl or both are hydrogen, m is 1 and R is C₁-C₁₈alkyl or the monovalent radical of a C₂-C₁₈carboxylic acid.

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✓ 15. (original) A compound according to claim 11 wherein in formula (XLa) and (XLb) at least two of R₃₀₁, R₃₀₂, R₃₀₃ and R₃₀₄ are ethyl, propyl or butyl and the remaining are methyl.

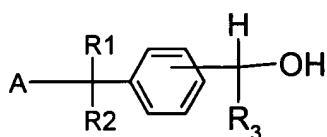
✓ 16. (currently amended) A compound of of formula (IV), (V), (VI) or (VII)



(IV)

(V)

(VI)



(VII)

wherein

R₁, R₂, R₃ and A are as defined above;

R₁ and R₂ are independently of each other hydrogen, C₁-C₁₈alkyl, C₃-C₁₈alkenyl, C₃-C₁₈alkinyl or phenyl which are unsubstituted or substituted by NO₂, halogen, amino, hydroxy, cyano, carboxy, C₁-C₄alkoxy, C₁-C₄alkylthio, C₁-C₄alkylamino or di(C₁-C₄alkyl)amino;

A is a group capable of forming a stable free nitroxyl radical A•, which is bound via its oxygen atom to the carbon atom;

R₃ is hydrogen, C₁-C₁₈alkyl, C₃-C₁₈alkenyl, C₃-C₁₈alkinyl or phenyl which are unsubstituted or substituted by NO₂, halogen, amino, hydroxy, cyano, carboxy, C₁-C₄alkoxy, C₁-C₄alkylthio, C₁-C₄alkylamino or di(C₁-C₄alkyl)amino;

Y is O, NR₃ or CR₃-R₄;

Q₃ is hydrogen or C₁-C₄alkyl; and

R₄ is hydrogen or halogen;

with the proviso, that if in formula (V) Y is CR₃R₄ and R₃, R₄ and Q₃ are hydrogen A is not a nitroxyl radical derived from 2,2,6,6-tetramethyl-piperidine.

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17. (previously presented) A polymerizable composition, comprising

- a) at least one ethylenically unsaturated monomer or oligomer, and
- b) a compound of formula (I), (II) or (III) according to claim 1.

18. (canceled)

19. (original) A polymerizable composition according to claim 17, wherein the ethylenically unsaturated monomer or oligomer is selected from the group consisting of ethylene, propylene, n-butylene, i-butylene, styrene, substituted styrene, conjugated dienes, acrolein, vinyl acetate, vinylpyrrolidone, vinylimidazole, maleic anhydride, (alkyl)acrylic acid anhydrides, (alkyl)acrylic acid salts, (alkyl)acrylic esters, (meth)acrylonitriles, (alkyl)acrylamides, vinyl halides or vinylidene halides.

20. (previously presented) A process for preparing an oligomer, a cooligomer, a polymer or a copolymer (block or random) by free radical polymerization of at least one ethylenically unsaturated monomer or oligomer, which comprises (co)polymerizing the monomer or monomers/oligomers in the presence of an initiator/regulator compound of formula (I), (II) or (III) according to claim 1 under reaction conditions capable of effecting scission of the O-C bond to form two free radicals, the •C radical being capable of initiating polymerization.

21. (original) A process according to claim 20, wherein the scission of the O-C bond is effected by ultrasonic treatment, heating or exposure to electromagnetic radiation, ranging from γ to microwaves.

22. (original) A process according to claim 20, wherein the scission of the O-C bond is effected by heating and takes place at a temperature of between 50°C and 160°C.

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23. (original) A process according to claim 20, wherein a cooligomer or copolymer of star, comb or block structure is prepared.

24. (original) A process according to claim 20, wherein the compound of formula (I), (II), (III), (IV), (V), (VI) or (VII) is present in an amount of from 0.01 to 30 mol % based on the monomer or monomer mixture.

25. (original) A oligomer, cooligomer, polymer or copolymer prepared by a process according to claim 20.

26. (canceled)

✓ 27. (previously presented) A polymerizable composition, comprising
a) at least one ethylenically unsaturated monomer or oligomer, and
b) a compound of formula (IV), (V), (VI) or (VII) according to claim 16.

✓ 28. (previously presented) A process for preparing an oligomer, a cooligomer, a polymer or a copolymer (block or random) by free radical polymerization of at least one ethylenically unsaturated monomer or oligomer, which comprises (co)polymerizing the monomer or monomers/oligomers in the presence of an initiator/regulator compound of formula (IV), (V), (VI) or (VII) according to claim 16 under reaction conditions capable of effecting scission of the O-C bond to form two free radicals, the •C radical being capable of initiating polymerization.